



**Gramin Krishi Mausam Sewa**  
**INDIA METEOROLOGICAL DEPARTMENT**  
**ODISHA UNIVERSITY OF AGRICULTURE & TECHNOLOGY**  
**Mahisapat, Dhenkanal- 759 013**



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**Week No.10**

**Bulletin No.20**  
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**(THURSDAY)**

**DISTRICT: DHENKANAL (Mid-central Table Land Zone)**

**Weather condition during last week (01.03.2024 to 07.03.2024)**

<b>Rainfall (mm)</b>	<b>0.0</b>
<b>Maximum Temperature (°C)</b>	<b>34.5-36.5</b>
<b>Minimum Temperature (°C)</b>	<b>21.4-24.7</b>

**Forecast (Up to 12.03.2024) given by Met. Centre, IMD, Bhubaneswar**

<b>Date</b>	<b>Rainfall (mm)</b>	<b>T-MAX (°C)</b>	<b>T-MIN (°C)</b>	<b>Cloud Cover</b>	<b>Rh Max (%)</b>	<b>Rh Min (%)</b>	<b>Wind speed (kmph)</b>	<b>Wind Direction (deg)</b>
08-03-2024	7	34	24	7	73	86	9	72
09-03-2024	3	33	23	6	71	88	9	135
10-03-2024	0	36	22	3	84	58	8	153
11-03-2024	0	37	22	2	75	80	7	158
12-03-2024	0	38	22	0	89	86	9	158

As per IMD forecast, light rainfall is expected in Dhenkanal district during next two days and dry weather thereafter. The sky will remain clear to generally cloudy. The wind speed is likely to remain 07-09 km/h. The maximum temperature is likely to remain between 33-38°C and minimum temperature between 22-24°C. The maximum RH will remain between 71% to 89% and minimum RH between 58% to 88% during next five days.

**Agromet Advisory**

**General Advisory:**

- ❖ In view of rainfall forecast withheld application of fertilizer, pesticide and irrigation activity for the next two days.
- ❖ Continue sowing of Cowpea, Cluster bean, Pumpkin, Cucumber and Watermelon.
- ❖ Mulching is advised to reduce the evaporation from soil in orchard crops.

**PADDY (Summer):**

- ❖ To control blast disease spray Hexaconazole 5 % SC @ 400 ml/acre or Azoxystrobin 18.2% + Difenoconazole 11.4 % S.C @ 200ml/acre or Tebuconazole 50%+ Trifloxystrobin 25 % WG @ 80 gram/acre.
- ❖ To control Bacterial Leaf Blight, remove the weeds and keep the field clean. Avoid excess use of “Nitrogenous” Fertilizer. Apply MOP @ 6-8kg/acre. Spray Copper Hydroxide 53.8% DF @ 600g/acre or 200g Plantomycin along with CopperOxy Chloride 50% WP @ 600g/acre.

**SUGARCANE:**

Top dressing with Urea @ 60-kg per acre each at 45, 75 and 105 days after planting should be done. Apply the rest 20 kg of MOP at the time of the third top dressing with Urea. Do not apply Urea after 120 days after planting as late application delayed maturity, reduces sucrose content and the total cane yield.

**BANANA:**

To control sigatoka leaf spot disease spray carbendazim @10g /10 litre of water or chlorothalonil @30g /10 litre of water for two to three times in one month interval.

**CHILLI:**

To control Fruit rot and die back, spray Propineb 70 % WP @ 500 g/acre or Difenoconazole 25 % EC @ 100 ml/acre or Azoxystrobin 23 % SC @ 200 ml/acre. The fungicide should be

**OKRA:**

There are chances of sucking pest like aphids, Jassids, thrips and whiteflies in Okra. To manage these pests at early stage of infestation spray neem-based pesticide (Neem Oil) 1500 PPM @600 ml/acre by mixing it in 200 litre of water. Then spray Thiamethoxam 25 % WG @ 40 g/acre or Acetamiprid 20 % SP @ 50 g/acre or Tolfenpyrad 15 % EC @ 400ml/acre by mixing it in 200 litre of water.

**CUCURBITS:**

There are chances of infestation of Downy Mildew disease in cucurbit vegetables. To control Downy Mildew disease in cucurbits spray Copper Hydroxide 77 % WP 12 @ 3 g/litre or Fosetyl -AL 80 % WP @ 3 g/litre or Carbendazim 12 % + Mancozeb 63 % WP @ 2g/litre.

**POULTRY:**

Fowl Pox disease can be prevented by periodic vaccination and by keeping poultry house neat and clean. This disease spread from one bird to another through wound and insect bite. Up to 50% chicks/ducklings may die because of this disease. In adult birds there is reduction in growth rate and egg production. Therefore, vaccinate your Chickens and Ducks at 6th and 16th weeks of age after consulting with your local VAS. There is scab or wart like lesions on featherless part of the body such as comb and wattles. If you see these lesions, keep the affected birds separately, consult the local VAS immediately and begin the treatment accordingly.

**Approved by ADR cum Nodal Officer  
GKMS-AMFU, RRTTS  
Mahisapat, Dhenkanal**

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